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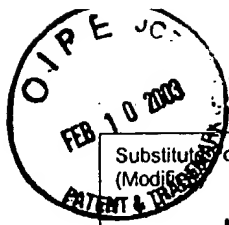
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Sheet 1 of 1

Substitute Disclosure Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
lc	AL	1998-028125	15.07.98	Korea				
lc	AM	1999-024893	06.04.99	Korea				
lc	AN	63-52393	05.03.88	Japan				
lc	AO	H11-66745	09.03.99	Japan				
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature <i>Kim Chun</i>	Date Considered <i>7/22/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(a))		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2651 2653

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
12	AA	5,317,553	05/31/94	Ohga et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
ku	AB	4-103079	04/06/92	Japan (corresponds to U.S. 5,317,553, enclosed)				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
ku	AC	Abstract for Japanese Patent No. JP1312736, Publication Date December 18, 1989, Title: Optical Disk Device and Optical Disk
ku	AD	Abstract for Japanese Patent No. JP3260958, Publication Date: November 20, 1991, Title: Optical Disk Device
ku	AE	Abstract for Japanese Patent No. JP6076401, Publication Date: March 18, 1994, Title: Magneto-Optical Recording Method for Magneto-Optical Disk of Large Heat Time Constant, Recording Device and Magneto-Optical Disk
ku	AF	Abstract for Japanese Patent No. JP6162511, Publication Date: June 10, 1994, Title: Recording Method for Optical Disk Employing Draw Type Disk Recording Device
ku	AG	Abstract for Japanese Patent No. JP10241165, Publication Date: September 11, 1998, Title: Pulse Generating Circuit and Optical Disc Driver

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use separate sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
	Applicant Koji Hayashi et al.		
	Filing Date December 26, 2000	Group Art Unit 2653	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
lc	AA	5,220,545	06/15/1993	Tomimitsu	/	/	
lc	AB	5,289,440	02/22/1994	Bakx	/	/	
lc	AC	5,436,875	07/25/1995	Shinada	/	/	
lc	AD	5,491,677	02/13/1996	Sasaki.	/	/	
lc	AE	5,532,991	07/02/1996	Sasaki.	/	/	
lc	AF	5,745,445	04/28/1998	Yasukohchi et al.	RECEIVED MAR 25 2002 Technology Center 2000		
lc	AG	5,815,472	09/29/1998	Kuroda et al			
lc	AH	5,818,801	10/06/1998	Watanabe et al.			
lc	AI	5,953,291	09/14/1999	Yasukohchi et al.	/	/	
lc	AJ	6,055,216	04/25/2000	Shintani	/	/	
lc	AK	6,115,337	09/05/2000	Takagi et al.	/	/	

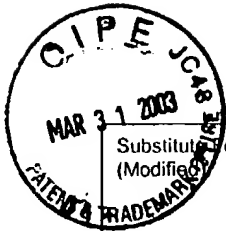
Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

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	AQ	
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Examiner Signature <i>Kim</i>	Date Considered 7/22/04
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
lc	AA	5,305,298	04/19/1994	Tsuneshi Yokota	/	/	
lc	AB	5,910,935	06/08/1999	Hirihito Takagi et al.	/	/	
lc	AC	6,208,599	03/27/2001	Misao Fukuda	/	/	
lc	AD	6,438,083	08/20/2002	Jacobus P.C. Kroon	/	/	
lc	AE	6,487,616	11/26/2002	Koji Hayashi	/	/	
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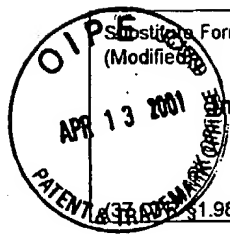
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
lc	AL	11-259982	24.09.1999	Japan	/	/		
lc	AM	0 974 966	26.01.2000	EPO	/	/		
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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Examiner Signature <i>Kim Chin</i>	Date Considered 7/22/04
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 Substitute Form PTO-1449
 (Modified)

 U.S. Department of Commerce
 Patent and Trademark Office

 Attorney's Docket No.
 10449-030001

 Application No.
 09/748,509

**Information Disclosure Statement
 by Applicant**

(Use several sheets if necessary)

 Applicant
 Koji Hayashi et al.

 Filing Date
 December 26, 2000

 Group Art Unit
 2653

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,212,678	05/18/93	Roth et al.			
	AB	5,463,607	10/31/95	Roth et al.			
	AC						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AN	3-228266	10/09/91	Japan			X	
	AO	2-226066	09/05/90	Japan			X	
	AP	2000-40302	02/08/00	Japan			X	
	AQ	10-49990	02/20/98	Japan			X	
	AR	10-63433	03/06/98	Japan			X	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
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	AU	
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Date Considered

7/22/04

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
ke	AA	5,010,534	04/23/91	Enari et al.			
ke	AB	5,477,516	12/19/95	Takezawa			
	AC						
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Examiner Signature <i>Kim Chu</i>	Date Considered 2/22/04
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		Filing Date December 26, 2000	Group Art Unit 2853

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	4,507,767	03/26/85	Takasugi	/	/	
CC	AB	4,546,462	10/08/85	Koishi et al.	/	/	RECEIVED
KC	AC	4,800,548	01/24/89	Koishi et al.	/	/	JUL 29 2002
KC	AD	4,831,611	05/16/89	Sasaki et al.	/	/	Technology Center 2600
KC	AE	4,858,219	08/15/89	Yoshikawa	/	/	
KC	AF	5,161,144	11/03/92	Takeuchi et al.	/	/	
KC	AG	5,170,389	12/08/92	Numata et al.	/	/	
KC	AH	5,521,893	05/28/96	Yamasaki et al.	/	/	
KC	AI	5,682,366	10/28/97	Yamanaka et al.	/	/	

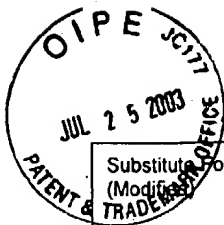
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							Yes	No
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KE	AA	6,084,731	Jul. 4, 2000	Uchida et al.			
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lc	AB	5,463,607	10/31/95	Roth et al.	/	/	
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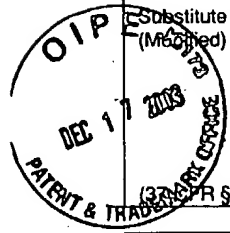
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lc	AO	2000-40302	02/08/00	Japan	/	/	X	
lc	AP	10-49990	02/20/98	Japan	/	/	X	
lc	AQ	10-63433	03/06/98	Japan	/	/	X	

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
lee	AA	6,584,053	06/24/03	Tsukihashi	/	/	/
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	AD						
	AE						
	AF						

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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
lee	AG	408147879A	06/07/96	Japan				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
lee	AH	Japan registered publicatin no. 2842262, equivalent to above noted document AG
	AI	
	AJ	
	AK	

Examiner Signature <i>Elin Chen</i>	Date Considered <i>7/22/04</i>
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